

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No.	75 877 - 09 HH
Company	STS Sensor Technik Sirnach AG Rüthhofstrasse 8 8370 Sirnach, SWITZERLAND
Product Description	Pressure Transmitter Intrinsically Safe Pressure Transmitter (Ex-Type)
Type	ATM.xxx/Ship ATM.xxx/Ex/Ship
Environmental Category	C, F, EMC1
Technical Data / Range of Application	Possible variants (xxx): ECO or 1ST Pressure type: gauge, absolute (vacuum) or sealed gauge Pressure range: 0...0.1 bar up to 0...1000 bar Power supply: 24V DC (9V DC min. ... 30V DC max.) Output signal: 4...20 mA, 2-wire connection, loop-powered Accuracy: better than ±0.25% FS (at 25°C) Total error range: better than ±1.0% FS Process connection: G 1/2", G 1/4", 1/2 NPT, 1/4 NPT Electrical connection: plug according to DIN 43650 (DIN EN 175-803-A) connector Binder 723, 5-pin (IEC 130-9) Material: housing, diaphragm, process connection - stainless steel or titanium Degree of protection: IP65 (DIN connector), IP 67 Other Intrinsic Safety (ATM.xxx/Ex/Ship): see certificate SEV 09 ATEX 0108
Test Standard	GL Guidelines for the Performance of Type Approvals, Chapter 2 – Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012
Documents	Test Reports: STS No. 6.59(60).0867.A.PB/TBxx.doc Test Report: STS 'Trockene Wärme' 12.03.2012 Test Reports: Mettler-Toledo No. 20091134.A02.01 and No. 20081106.A02.01 Test Report: Montena EMC No. 15'693; Ex-Cert.: SEV 09 ATEX 0108 Circuit Diagrams: 4.30.0129.C & 4.30.0139 Data Sheets: 10.00.0301, 10.00.0303
Remarks	This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007

Valid until **2019-11-09**

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File No. **I.D.01**

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Type Approval Symbol



DNV GL


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